

PATENT
81839.0105
Express Mail Label No. EL 894 944 207 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Masanori KIMURA

Serial No: Not assigned

Filed: October 18, 2001

For: METHOD FOR GROWING
SEMICONDUCTOR SINGLE CRYSTAL

Art Unit: Not assigned

Examiner: Not assigned

ASSOCIATE POWER OF ATTORNEY
(37 C.F.R. § 1.34)

Box PCT
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please recognize the following as my associate attorneys in the above-entitled application:

STUART LUBITZ, Reg. No. 20,680; JOHN P. SCHERLACHER, Reg. No. 23,009; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; MATTHEW BAILEY, Reg. No. 33,829; STUART T. LANGLEY, Reg. No. 33,940; E. MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; WILLIAM H. WRIGHT, Reg. No. 36,312; STEVEN K. BARTON, Reg. No. 36,445; MICHAEL L. CRAPENHOFT, Reg. No. 37,115; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; CELINE CROWSON, Reg. No. 40,357; STERLON R. MASON, Reg. No. 41,179; SARAH S. O'ROURKE, Reg. No. 41,226; LAWRENCE J. McCLURE, Reg. No. 44,228; MATTHEW G. DYOR, Reg. No. 45,278; WEI-FU HSU, Reg. No. 45,723; ERIN P. MADILL, Reg. No. 46,893; BRIAN D. MARTIN, Reg. No. 47,771; KENTON B. ABEL, Reg. No. P49,05.

Please associate this case with this firm's customer number:

Customer Number

000026021



Respectfully submitted,

HOGAN & HARTSON L.L.P.

By:

Wei-Ning Yang

Registration No. 38,690

Attorney for Applicant(s)

Date: October 18, 2001

500 South Grand Avenue, Suite 1900
Los Angeles, California 90071
Phone: 213-337-6700
Fax: 213-337-6701

Attorney's Ref. No.:**Declaration and Power of Attorney For Patent Application****特許出願宣言書及び委任状****Japanese Language Declaration****日本語宣言書**

下記の氏名の発明者として、私は以下の通り宣言します。

私の住所、私書箱、国籍は、下記の私の氏名の後に記述された通りです。

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

 2001年2月16日に提出され、米国出願番号または
特許協定的 国際出願番号をPCT/JP01/01125 とし、
(該当する場合) _____ に訂正されました。

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

私は、通常規則法典第37条第1条56項に定義されるとおり、特許実務の有無について重要な情報を開示する義務があることを認めます。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
METHOD FOR GROWING SEMICONDUCTOR
SINGLE CRYSTAL

the specification of which is attached hereto unless the following box is checked:

 was filed on February 16, 2001
as United States Application Number or
PCT International Application Number
PCT/JP01/01125, and was amended on
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Page 1 of 7

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number.

Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づく記の、米国以外の国の少なくとも1ヶ国を指定している特許協力条約365条(b)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許又は発明者証の外国出願を以下に、件内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(b) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)
外国での先行出願

2000-44422 (Number) (番号)	Japan (Country) (国名)	22 February 2000 (Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/> Priority Not Claimed 優先権主張なし
 (Number) (番号)	 (Country) (国名)	 (Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願現意に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119 (e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Application No.) (出願番号)	(Filing Date) (出願日)
<p>私は下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願番号出日以後で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許賃借の有無に関する重要な情報について開示義務があることを認識しています。</p>			
<p>I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.</p>			

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)
-----------------------------	------------------------	--

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)
-----------------------------	------------------------	--

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が眞実であり、かつ私が入手した情報と私の信じるところに基づく表明が全て眞実であると信じていてこと、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または罰則、もしくはその両方ににより処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われるることを認識し、よってここに上記のことく宣言を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number.

Japanese Language Declaration (日本語宣言書)

委任状：私は、下記の発明者として、本出願に関する一切の手続を米特許商標局に対して運営する弁護士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

STUART LUBITZ, Reg. No. 20,680; LOUIS A. NOK, Reg. No. 33,585; JOHN P. SCHERLACHEN, Reg. No. 25,008; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,732; WILLIAM J. KITRIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,466; STEVEN C. PETERSON, Reg. No. 36,935; STEVEN K. BARTON, Reg. No. 36,448; SARAH S. O'ROURKE, Reg. No. 41,326; E. MATTHEW G. DYOR, Reg. No. 42,278.

委託送付元：
HOGAN & HARTSON L.L.P.
Biltmore Tower
500 S. Grand Ave. Ste. 1900
Los Angeles, CA 90071

直接電話連絡先：（名前及び電話番号）
HOGAN & HARTSON
213-337-6700

唯一または第一発明者名

発明者の署名

日付

Send Correspondence to:
HOGAN & HARTSON L.L.P.

Biltmore Tower
500 S. Grand Ave. Ste. 1900
Los Angeles, CA 90071

Direct Telephone Calls to: (name and telephone number)

HOGAN & HARTSON
213-337-6700

Full name of sole or first inventor

Masanori Kimura

Inventor's signature

Masanori Kimura

Date

August 28, 2001

JPX

住所

日本国

Residence

Gunma

Japan

国籍

日本

Citizenship

Japan

払戻宛

c/o Shin-Etsu Handolai Co., Ltd. Isobe R&D Center
13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 Japan

第二共同発明者

Full name of second joint inventor, if any

第二共同発明者の署名

日付

Second Inventor's signature

Date

住所

日本国

Residence

Japan

国籍

日本

Citizenship

Japan

払戻宛

Post Office Address

（第三以降の共同発明者についても同様に記述し、署名をすること）

(Supply similar information and signature for third and subsequent joint inventors.)